

Recombinant Human NFX1 293 Cell Lysate

Cat. No. NFX1-3842HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for nuclear transcription factor, X-box binding 1 (NFX1), transcript variant 1 is a lysate prepared from HEK293T cells transiently transfected with a TrueORF gene-carrying pCMV plasmid and then lysed in RIPA Buffer. Protein concentration was determined using a colorimetric assay. The antigen control carries a C-terminal Myc/DDK tag for detection.
Components	This product includes 3 vials: 1 vial of gene-specific cell lysate, 1 vial of control vector cell lysate, and 1 vial of loading buffer. Each lysate vial contains 0.1 mg lysate in 0.1 ml (1 mg/ml) of RIPA Buffer (50 mM Tris-HCl pH7.5, 250 mM NaCl, 5 mM EDTA, 50 mM NaF, 1% NP40). The loading buffer vial contains 0.5 ml 2X SDS Loading Buffer (125 mM Tris-Cl, pH6.8, 10% glycerol, 4% SDS, 0.002% Bromophenol blue, 5% beta-mercaptoethanol).
Size	0.1 mg
Storage Instruction	Store at -80°C. Minimize freeze-thaw cycles. After addition of 2X SDS Loading Buffer, the lysates can be stored at -20°C. Product is guaranteed 6 months from the date of shipment.

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Applications ELISA, WB, IP. WB: Mix equal volume of lysates with 2X SDS Loading Buffer. Boil the mixture for 10 min before loading (for membrane protein lysates, incubate the mixture at room temperature for 30 min). Load 5 ug lysate per lane.

GENE INFORMATION

Gene Name	NFX1 nuclear transcription factor, X-box binding 1 [Homo sapiens]
Official Symbol	NFX1
Synonyms	NFX1; nuclear transcription factor, X-box binding 1; transcriptional repressor NF-X1; MGC20369; NFX2; nuclear transcription factor, X box-binding protein 1; DKFZp779G2416;
Gene ID	4799
mRNA Refseq	NM_002504
Protein Refseq	NP_002495
MIM	603255
UniProt ID	Q12986
Chromosome Location	9p12
Pathway	Cleavage of Growing Transcript in the Termination Region, organism-specific biosystem; Gene Expression, organism-specific biosystem; Processing of Capped Intron-Containing Pre-mRNA, organism-specific biosystem; RNA Polymerase II Transcription, organism-specific biosystem; RNA Polymerase II Transcription

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Termination, organism-specific biosystem; Transport of Mature Transcript to Cytoplasm, organism-specific biosystem; Transport of Mature mRNA derived from an Intron-Containing Transcript, organism-specific biosystem;

Function

DNA binding; ligase activity; metal ion binding; sequence-specific DNA binding transcription factor activity; zinc ion binding;

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